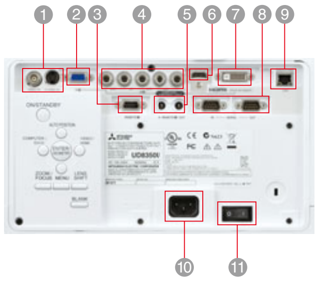


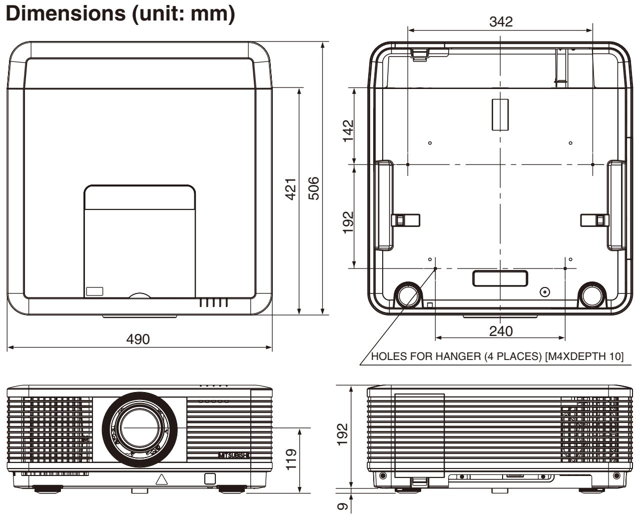

New UD8350U/UD8350LU UD8350U (BL)

Connection Terminals

1. Video/S-Video
2. PC/Component video input-1
3. Remote-1
4. PC/Component video input-2
5. Remote-2 (I/O)
6. HDMI
7. DVI-D
8. Serial RS-232C (I/O)
9. LAN (RJ-45)
10. Power in (3-pin with earth terminal)
11. Main power switch O:Off I:On



Dimensions (unit: mm)



* The lens focal point is the default set at the time of shipment from the factory.

Options

Optional Lenses		
OL-XD2000FR Rear-projection Short -throw Fixed Lens	OL-XD2000SZ Short-throw Zoom Lens	OL-XD2000LZ Long-throw Zoom Lens
	 Converter Lens (mounted on the standard lens)	 Converter Lens (mounted on the standard lens)

Optional Lenses		Color Wheel
OL-XD2000TZ Telescopic-throw Zoom Lens	OL-XD8000UZ Ultra-telescopic-throw Zoom Lens	CW-FC2 Color-emphasized color wheel
		

Specifications

Model	UD8350U/UD8350LU/UD8350U (BL)
Display technology	0.67″ 1-Chip DMD
Resolution	1920 × 1200 (Total 2,304,000 pixels)
Brightness	Dual lamp: 6500 lm Single lamp: 3250 lm
Contrast ratio	2000 : 1 (on/off)
Projection lens	f = 24.5-33.1mm, F = 2.0-2.4
Zoom / focus	Powered focus / zoom (zoom ratio 1.35 : 1)
Picture size	40″-300″
Source lamp	(see lamp table below)
Computer compatibility	Resolution: 640 × 400 - 1920 × 1200 True: 1920 × 1200, Sync-on-Green available
Video compatibility	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60Hz), 1080i (1125i 50/60Hz), 1080p (1125p 50/60Hz) SCART (RGB + 1V sync, only mini D-sub 15-pin Terminal)
Input terminals	PC: 5 BNC × 1, mini D-sub 15-pin × 1, DVI-D (with HDCP) × 1 Video: BNC × 1, S-Video (4-pin) × 1, HDMI (Ver 1.3, Deep Color) × 1
Communication terminals	LAN (RJ-45): × 1 (projector control), SERIAL (in): D-sub 9-pin (male) × 1 (direct command is available.), SERIAL (out): D-sub 9-pin (male) × 1 (direct command is available.) Wired remote (in): × 1 (ϕ3.5mm stereo mini jack), Wired remote (out): × 1 (ϕ3.5mm stereo mini jack), Remote: D-sub 9-pin (female) × 1
Dimensions (W × H × D)	490 x 201 x 421mm / 19.3 x 7.9 x 16.6 inch (exclude detachable terminal cover and protrusion)
Weight	16.0kg / 35.3 lbs (exclude detachable terminal cover)
Power supply	AC 100 - 240V, 50/60Hz

Source lamp:

	Lamp mode	hour
Dual (330W × 2)	Normal	2,000 hours
	Low	4,000 hours
Single (330W × 1)	Normal	4,000 hours
	Low	8,000 hours

*Varies depending on condition. *DLP™ (Digital Light Processing) is a trademark of Texas Instruments. *All brand names and product names are trademarks, registered trademarks or trade names of their respective holders. *Lamp life specification is an estimate based on verification under proper conditions and is not the duration of the warranty. Lamp will shut-off automatically when usage reaches the specified estimated maximum lamp hours. Service life may vary widely depending on usage and operating environment and conditions, as well as users' adherence to the maintenance and cleaning procedures provided in the user manual. *The above specifications are for the standard model only. Specifications are different for lens-less models. *HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

Screen Size and Projection Distance

Refer to the following table to determine the screen size and projection distance.

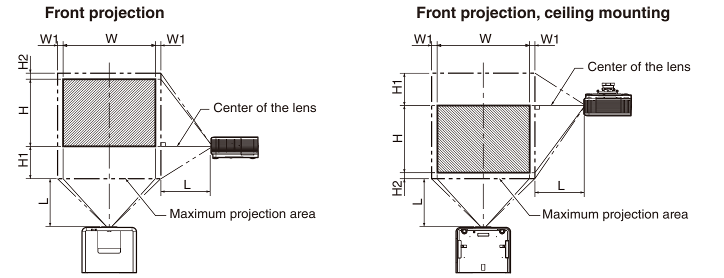


Image (WUXGA)						Distance from Screen				Default Height		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)		Projected Image (HO)		H1 H2	H1 H2	W1 W1	W1 W1
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	34	86	21	54	55	1.4	76	1.9	0	0	10←0→4	26←0→10	3←0→3	8←0→8
60	152	51	129	32	81	83	2.1	115	2.9	0	0	15←0→6	39←0→15	5←0→5	12←0→12
80	203	68	172	42	108	112	2.8	154	3.9	0	0	21←0→8	52←0→20	7←0→7	17←0→17
100	254	85	215	53	135	141	3.6	193	4.9	0	0	26←0→10	66←0→25	8←0→8	21←0→21
150	381	127	323	79	202	213	5.4	291	7.4	0	0	39←0→15	98←0→37	12←0→12	31←0→31
200	508	170	431	106	269	285	7.2	389	9.9	0	0	52←0→20	131←0→50	16←0→16	42←0→42
250	635	212	538	132	337	356	9.1	-	-	0	0	65←0→24	164←0→62	20←0→20	52←0→52
300	762	254	646	159	404	428	10.9	-	-	0	0	77←0→29	197←0→75	25←0→25	62←0→62

* The above figures are approximate and may be slightly different from the actual measurements.

eco Changes **for a greener tomorrow**

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.

MITSUBISHI ELECTRIC CORPORATION
HEAD OFFICE : TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

To find out more about the UD8350U/UD8350LU/UD8350U(BL) and other projectors, visit us at

Global.MitsubishiElectric.com/projectors/

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Changes for the Better

MITSUBISHI ELECTRIC

MULTIMEDIA DATA/VIDEO PROJECTORS

PICTURE BY DLP TEXAS INSTRUMENTS



The Pinnacle of Digital Projectors

Image Quality, Functionality & Reliability – The bar just got raised a level higher.



UD8350U/UD8350LU UD8350U (BL) New

for a greener tomorrow eco Changes

Brilliant Support for Various Presentation Venues
including business, education and entertainment

Imagine a long presentation or seminar in a large, bright room like a hall or auditorium. The impact of that presentation will depend on the performance of the projector you use. To ensure that nothing goes wrong, the UD8350U Series is equipped with digital light processing (DLP™) technology that reproduces high-definition images in high contrast and with superior brightness. Built for durability and easy installation and maintenance, they last and last with minimal upkeep. The UD8350U Series is equipped with dual lamps, allowing the continuous projection of images for long periods of time together with greatly increased reliability. For installation models, our aim was to ensure the advanced level of performance essential for such units.


For Digital Signage


For board room, conference hall

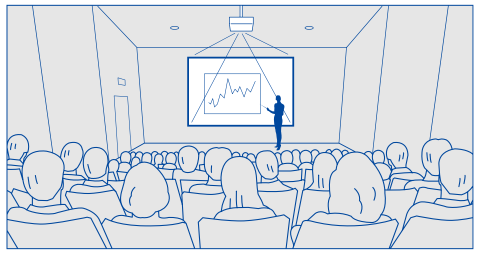
New UD8350U/UD8350LU
UD8350U (BL)



High Brightness
Powerful Large-screen Images in Well-lit Halls/Auditoriums

6500lm High Brightness

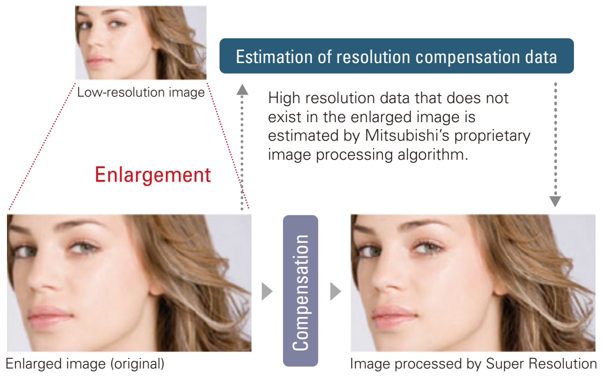
The UD8350U Series, delivers a super bright 6500 lumen images, brightness level for presenting in large meeting rooms and conference halls.



High Image Quality
Cutting-edge Technologies Reproduce Strikingly Sharp Images

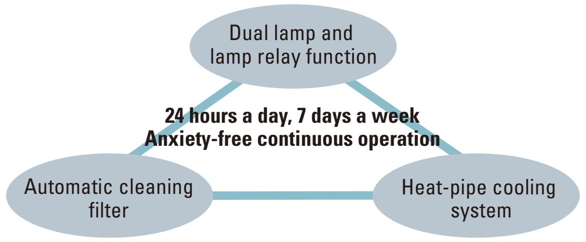
Super Resolution

The UD8350U Series is equipped with Mitsubishi Electric's industry-leading, advanced image-processing algorithm, which is also used in our televisions and displays. The technology analyzes blurred components in the original images, estimates high-resolution data not provided in the original signal and corrects the image quality. The result is the projection of sharp, vivid images such as people's faces in fine detail.



High Reliability
Durable and Reliable – Continuous 24/7 Use Capability

The dual lamp system and lamp relay function enable continuous operation with no risk of the image going out. Dust resistance and cooling performance are greatly enhanced by the automated self-cleaning filter and heat-pipe cooling system technologies that have proven so successful in air conditioners, enabling extended continuous use for monitoring and digital signage applications.



Various Lamp Relay Options

Continuous, bright projection is ensured through the utilization of a dual-lamp light source and a variety of setting options. When two lamps are in use, one of the lamps can be rested (turned off) once a day or week. Additionally, if only one lamp is being used and it goes out, an automatic back-up function activates the other lamp, enabling nonstop projection.

Automatic Cleaning Filter

For the UD8350U Series, we've utilized the same mechanism (mesh filter and cleaning brush) that has a proven track record in Mitsubishi Electric air conditioners and air purifiers is utilized.
It automatically prevents dust from building up in the radiator of the heat-pipe cooling unit for the digital micromirror device (DMD), thereby ensuring trouble-free use for extended periods of time.



Heat-pipe Cooling System

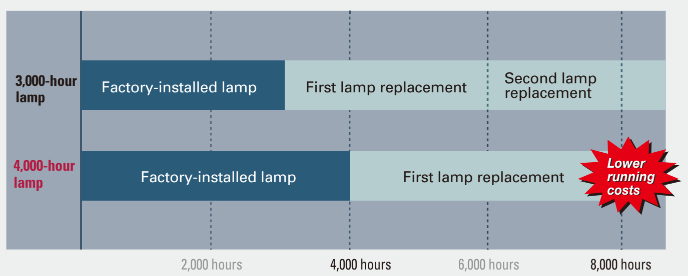
Compared to liquid-cooled cooling systems, this heat-pipe cooling system has a simplified structure and does not require a power supply, enabling a more compact design and cost reductions. Not only is it highly reliable, other benefits include exceptional energy savings, quiet operation and elimination of concerns regarding liquid leaking.

Long 4000hrs Lamp Life

Designed with a lamp temperature controlling system, the UD8350U Series can support an estimated lamp rating of up to 4000 hours. The long estimated lamp life makes dramatic reductions in overall cost of ownership by decreasing the frequency of lamp replacements.



Lamp Life Comparison

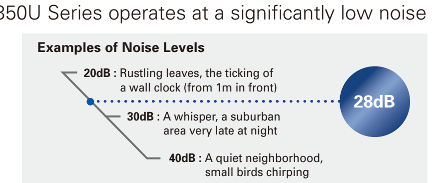


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Ample Features for Increased Expressiveness and Operation Ease

Ultra Quiet 28dB Operation

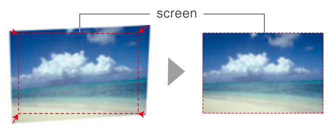
Fan noise during projector operation can be distracting during a presentation or videoconference. The UD8350U Series operates at a significantly low noise level of only 28dB (i.e., using a single lamp in "low lamp" mode). As a result, presentations and conferences can be held without distracting projector noise in the background.



Geometric Corrections

■ **Keystone Correction**
Trapezoidal distortion caused when the projector is not positioned directly in front of the screen is corrected in both vertical and horizontal directions.

■ **Cornerstone Correction**
Pixel conversion is used to correct trapezoidal and diagonal distortion that causes oblique images, ensuring the proper aspect ratio.

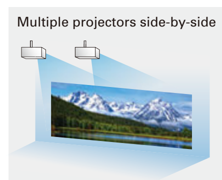


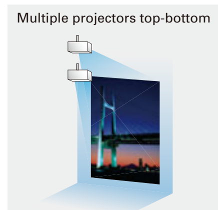
■ **Curved-surface Projection Correction**
Projectors in the series are equipped with a distortion correction function that can be used when projecting images onto curved surfaces. Coordinates at the image's four corners are adjusted, enabling the projection angle to be adjusted at the time of angled or stacked projection. It is extremely handy for unique applications like projecting images onto special surfaces such as pillars at event sites.

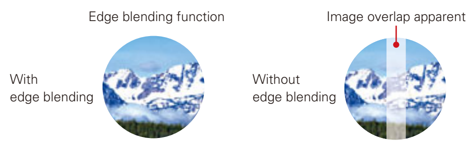


Multi-screen Solutions

■ **Edge Blending**
Edge blending creates a seamless image by adjusting the brightness at adjoining edges when using multiple projectors side-by-side to reproduce single widescreen images. This feature can also be utilized for top-bottom projection or a combination of side-by-side and top-bottom images; for example, when images are projected from four projectors in a two-by-two arrangement.







■ **Color Matching**
The use of multiple projectors to create a larger image can result in color variations due to slight differences in projector image processing. The UD8350U Series is equipped with a color matching function that resolves this problem. Each projector is adjusted so that the same colors are reproduced when multiple projectors are used simultaneously.



Interchangeable Color Wheels Optional

Projectors come equipped with a color wheel that accentuates brightness, and an optional color wheel for accentuating color is available. A sensor-based detection function is embedded in each unit to detect when a color wheel is replaced, at which time the color wheel index is automatically adjusted. This interchangeability enables a more appropriate expression of the images being reproduced.

360° Projection Capability

Images can be projected over a full 360° range along the vertical axis* including reproduction on the ceiling or floor. The application possibilities are limitless.

*Excluding use in high-altitude mode.



Network Connectivity

Projectors are equipped with a RJ-45 LAN terminal for remote operation. Additionally, when used with Crestron RoomView™, integrated control of up to 250 projectors including power on/off control, message display and confirmation of lamp service hours is possible. The UD8350U Series is equipped with AMX Device Discovery for simplified device management and compatible with PJLink™.

The trademark of PJLink is trademark applied for registration or registered trademark in Japan, the United States, and other countries and areas.

- **Multiple terminals**
- **ID-compatible remote control**
- **Power zoom/Focus and lens shift**
- **Stand-by wattage under 0.3W*1**
- **Mechanical shutter**
- **Lamp side access**
- **OSD menu multilanguage compatibility (19 languages*2)**
- **2-Screen mode**
- **Direct power off**
- **Test pattern**
- **High-altitude mode (2,000 to 2,700 m)**
- **Closed caption support**

*1 When in stand-by (low) mode. At this time, use of the LAN function, serial output and Remote 1 is not possible.
*2 Previous languages: Chinese, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Swedish
Languages added: Dutch, Indonesian, Malaysian, Norwegian, Thai, Turkish, Vietnamese